

### DETAILED ACTION

1. The following detailed action is in response to the decision by the BPAI dated 6/18/2012 and also in response to the amendment filed 7/9/2012.

### Examiner's Note

2. MPEP 1214.06 (II) requires, "If the Board affirms a rejection of claim 1 (Analogous to claim 34 in the present case), claim 2 (Analogous to claim 56 in the present case) was objected to prior to appeal as being allowable except for its dependency from claim 1 and independent claim 3 (Analogous to claims 1, 19, 43, 47, 57) is allowed, the examiner should cancel claims 1 (Claim 34) and 2 (Claim 56) and issue the application or *ex parte* reexamination certificate with claim 3 (Claims 1, 19, 43, 47, 57) only". Accordingly, the Examiner has cancelled claims 34-37, 39-42, 51, 53-54 as per below.

### EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

**Claims 34-37, 39-42, 51, 53-54 are cancelled.**

***Allowable Subject Matter***

4. Claims 1-3, 5-13, 15-19, 23, 25, 27-33, 43, 46, 47, 49-50, 57 are allowed.

See the Official Action dated 4/27/2007.

***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ZACHARY M. PAPE whose telephone number is (571)272-2201. The examiner can normally be reached on Mon.- Fri. 9am - 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jayprakash Gandhi can be reached on 571-272-3740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Page 4

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